12288 56 c

A COMPENDIOUS TABLE, OR, The COTTON-MANUFACTURER's Useful Assistant, In Buying or Selling all Sorts of Cotton-Yarn;

PATENT OFFICE LIBRARY.

SHEWING, AT ONE VIEW,

The Length of One Pound by the Weight of any Number of Leas from One to Seven; so that Persons unacquainted with Arithmetick may hereby ascertain the Length of any One Pound, from One to One Hundred and Fifty Hanks in the Pound.

By *JOSEPH STOPFORD.*

EXPLANATION.

Suppose 2 Leas weigh Oz. ½ Dwt. 1 Gr. 7.267, looking under 2 Leas will be found Oz. ½ Dwt. 1 Gr. 7.267, which gives on each Side 8 Hanks in the Pound.

N. B. The Ounces are Avoirdupoise Weight, but the Pennyweights and Grains are Troy Weight reduced to Avoirdupoise.

Hanks	1 Lea. Oz. Dwt. Gr.	2 Leas. Oz. Dwt. Gr.	3 Leas. Oz. Dwt. Gr.	4 Leas. Oz. Dwt. Gr.	5 Leas. Oz. Dwt. Gr.	6 Leas. Oz. Dwt. Gr.	7 Leas. Oz. Dwt. Gr.	Hanks
1	2 5 5.071	4½ 1 7.267	6½ 6 12.338	9 2 14.535	11 7 19.606	13½ 3 21.801	16 0 0.000	1
2	1 2 14.535	2 5 5.071	3 7 19.606	4½ 1 7.267	5½ 3 21.803	6½ 6 12.338	8 0 0.000	2
3	½ 4 18.649	1½ 0 10.422	2 5 5.071	3 0 20.845	3½ 5 15.493	4½ 1 7.275	5 6 1.924	3
4	½ 1 7.268	1 2 14.536	1½ 3 21.704	2 5 5.071	2½ 6 12.339	3 7 19.607	4 0 0.000	4
5	0 8 8.114	½ 7 13.353	1 6 18.592	1½ 5 23.831	2 5 5.071	2½ 4 10.310	3 3 15.549	5
6	0 6 22.762	½ 4 18.649	1 2 14.536	1½ 0 10.423	1½ 7 9.185	2 5 5.071	2 3 0.958	6
7	0 5 22.939	½ 2 19.003	½ 8 17.942	1 5 14.006	1½ 2 10.070	1½ 8 9.009	2 5 5.071	7
8	0 5 5.071	½ 1 7.267	½ 6 12.339	1 2 14.536	1 7 19.607	1½ 3 21.804	2 0 0.000	8
9	0 4 15.174	½ 0 3.474	½ 4 18.649	1 0 6.948	1 4 22.123	1½ 0 10.423	1½ 5 1.597	9
10	0 4 4.057	0 8 8.114	½ 3 9.296	½ 7 13 354	1 2 14.536	1 6 18.593	1½ 1 19.775	10
11	0 3 18.961	0 7 13.922	½ 2 6.008	½ 6 0.969	1 0 17.055	1 4 12.016	1 8 6.977	11
12	0 3 11.381	0 6 22.762	½ 1 7.268	½ 4 18.649	½ 8 6.030	1 2 14.536	1 6 1.917	12
13	0 3 4.967	0 6 9.934	½ 0 12.026	½ 3 16.993	½ 6 21 960	1 1 0.052	1 4 5.019	13
14	0 2 23.469	0 5 22.939	0 8 22.408	½ 2 19.003	½ 5 18.472	½ 8 17.941	1 2 14.536	14
15	0 2 18.705	0 5 13.410	0 8 8.114	½ 1 23.944	½ 4 18.649	½ 7 13.354	1 1 5.183	15
16	0 2 14.536	0 5 5.071	0 7 19.607	½ 1 7.268	½ 3 21.804	½ 6 12.339	1 0 0.000	16
17	0 2 10.857	0 4 21.714	0 7 8.571	½ 0 16.554	½ 3 3.411	½ 5 14.268	½ 8 1.125	17
18	0 2 7.587	0 4 15.175	0 6 22.762	½ 0 3.474	½ 2 11.062	½ 4 18.649	½ 7 2.236	18
19	0 2 4.662	0 4 9.323	0 6 13.985	0 8 18.647	½ 1 20.433	½ 4 1.095	½ 6 5.757	19
20	0 2 2.029	0 4 4.057	0 6 6.086	0 8 8.114	½ 1 7.268	½ 3 9.296	½ 5 11.325	20
21	0 1 23.646	0 3 23.293	0 5 22.939	0 7 22.585	½ 0 19.356	½ 2 19.003	½ 4 18.649	21
22	0 1 21.481	0 3 18.961	0 5 16.442	0 7 13.922	½ 0 8.528	½ 2 6.008	½ 4 3.489	22
23	0 1 19.503	0 3 15.006	0 5 10.509	0 7 6.012	0 9 1.516	½ 1 18.144	½ 3 13.647	23
24	0 1 17.690	0 3 11.381	0 5 5.071	0 6 22.762	0 8 16.452	½ 1 7.268	½ 3 0.958	24
25	0 1 16.023	0 3 8.046	0 5 0.069	0 6 16.091	0 8 8.114	½ 0 21.262	½ 2 13.285	25
26	0 1 14.484	0 3 4.967	0 4 19.450	0 6 9.934	0 8 0.417	½ 0 12.026	½ 2 2.509	26
27	0 1 13.058	0 3 2.116	0 4 15.175	0 6 4.233	0 7 17.291	½ 0 3.474	½ 1 16.532	27
28	0 1 11.734	0 2 23.469	0 4 11.204	0 5 22.939	0 7 10.673	0 8 22.408	½ 1 7.268	28
29	0 1 10.502	0 2 21.005	0 4 7.507	0 5 18.010	0 7 4.512	0 8 15.015	½ 0 22.642	29
30	0 1 9.352	0 2 18.705	0 4 4.057	0 5 13.409	0 6 22.762	0 8 8.114	½ 0 14.591	30
31	0 1 8.276	0 2 16.553	0 4 0.829	0 5 9.106	0 6 17.382	0 8 1.659	½ 0 7.060	31
32	0 1 7.268	0 2 14.535	0 3 21.803	0 5 5.071	0 6 12.339	0 7 19.607	½ 0 0.000	32
33	0 1 6.320	0 2 12.641	0 3 18.961	0 5 1.281	0 6 7.602	0 7 13.922	0 8 20.242	33
34	0 1 5.428	0 2 10.857	0 3 16.285	0 4 21.714	0 6 3.143	0 7 8.571	0 8 14.000	34
35	0 1 4.588	0 2 9.176	0 3 13.763	0 4 18.351	0 5 22.939	0 7 3.527	0 8 8.114	35
36	0 1 3.793	0 2 7.587	0 3 11.381	0 4 15.174	0 5 18.968	0 6 22.762	0 8 2.555	36
37	0 1 3.042	0 2 6.085	0 3 9.127	0 4 12.170	0 5 15.212	0 6 18.255	0 7 21.297	37
38	0 1 2.331	0 2 4.661	0 3 6.992	0 4 9.323	0 5 11.654	0 6 13.985	0 7 16.316	38
39	0 1 1.656	0 2 3.311	0 3 4.967	0 4 6.662	0 5 8.278	0 6 9.934	0 7 11.589	39
40	0 1 1.014	0 2 2.028	0 3 3.043	0 4 4.057	0 5 5.071	0 6 6.085	0 7 7.100	40
41	0 1 0.404	0 2 0.808	0 3 1.213	0 4 1.617	0 5 2.021	0 6 2.425	0 7 2.829	41
42	0 0 23.823	0 1 23.646	0 2 23.469	0 3 23.292	0 4 23.115	0 5 22.939	0 6 22.762	42
43	0 0 23.269	0 1 22.538	0 2 21.807	0 3 21.076	0 4 20.346	0 5 19.615	0 6 18.884	43
44	0 0 22.740	0 1 21.480	0 2 20.221	0 3 18.961	0 4 17.701	0 5 16.441	0 6 15.182	44
45	0 0 22.235	0 1 20.470	0 2 18.705	0 3 16.939	0 4 15.174	0 5 13.409	0 6 11.644	45
46	0 0 21.751	0 1 19.503	0 2 17.254	0 3 15.006	0 4 12.758	0 5 10.509	0 6 8.261	46
47	0 0 21.289	0 1 18.577	0 2 15.866	0 3 13.155	0 4 10.444	0 5 7.732	0 6 5.021	47
48	0 0 20.845	0 1 17.690	0 2 14.535	0 3 11.381	0 4 8.226	0 5 5.071	0 6 1.916	48
49	0 0 20.420	0 1 16.840	0 2 13.259	0 3 9.679	0 4 6.099	0 5 2.519	0 5 22.939	49
50	0 0 20.011	0 1 16.023	0 2 12.034	0 3 8.045	0 4 4.057	0 5 0.068	0 5 20.080	50
51	0 0 19.619	0 1 15.238	0 2 10.857	0 3 6.476	0 4 2.095	0 4 21.714	0 5 17.333	51

Hanks	1 Lea. Oz. Dwt. Gr.	2 Leas. Oz. Dwt. Gr.	3 Leas. Oz. Dwt. Gr.	4 Leas. Oz. Dwt. Gr.	5 Leas. Oz. Dwt. Gr.	6 Leas. Oz. Dwt. Gr.	7 Leas. Oz. Dwt. Gr.	Hanks
76	0 0 13.165	0 1 2.330	0 1 15.496	0 2 4.661	0 2 17.827	0 3 6.992	0 3 20.158	76
77	0 0 12.994	0 1 1.989	0 1 14.483	0 2 3.978	0 2 16.972	0 3 5.966	0 3 18.961	77
78	0 0 12.828	0 1 1.655	0 1 14.483	0 2 3.331	0 2 16.139	0 3 4.967	0 3 17.794	78
79	0 0 12.665	0 1 1.331	0 1 13.996	0 2 2.662	0 2 15.327	0 3 3.992	0 3 16.658	79
80	0 0 12.507	0 1 1.014	0 1 13.521	0 2 2.028	0 2 14.535	0 3 3.042	0 3 15.550	80
81	0 0 12.352	0 1 0.704	0 1 13.057	0 2 1.409	0 2 13.761	0 3 2.113	0 3 14.465	81
82	0 0 12.202	0 1 0.404	0 1 12.606	0 2 0.808	0 2 13.010	0 3 1.212	0 3 13.414	82
83	0 0 12.055	0 1 0.110	0 1 12.165	0 2 0.220	0 2 12.275	0 3 0.330	0 3 12.386	83
84	0 0 11.911	0 0 23.823	0 1 11.734	0 1 23.646	0 2 11.557	0 2 23.469	0 3 11.381	84
85	0 0 11.771	0 0 23.543	0 1 11.314	0 1 23.086	0 2 10.857	0 2 22.628	0 3 10.400	85
86	0 0 11.634	0 0 23.269	0 1 10.903	0 1 22.538	0 2 10.173	0 2 21.807	0 3 9.442	86
87	0 0 11.501	0 0 23.002	0 1 10.502	0 1 22.003	0 2 9.504	0 2 21.005	0 3 8.506	87
88	0 0 11.370	0 0 22.740	0 1 10.110	0 1 21.480	0 2 8.850	0 2 20.220	0 3 7.591	88
89	0 0 11.242	0 0 22.485	0 1 9.727	0 1 20.969	0 2 8.212	0 2 19.454	0 3 6.697	89
90	0 0 11.117	0 0 22.235	0 1 9.352	0 1 20.469	0 2 7.587	0 2 18.704	0 3 5.822	90
91	0 0 10.995	0 0 21.991	0 1 8.986	0 1 19.981	0 2 6.976	0 2 17.972	0 3 4.967	91
92	0 0 10.875	0 0 21.751	0 1 8.627	0 1 19.503	0 2 6.379	0 2 17.254	0 3 4.130	92
93	0 0 10.759	0 0 21.518	0 1 8.276	0 1 19.035	0 2 5.794	0 2 16.552	0 3 3.312	93
94	0 0 10.644	0 0 21.288	0 1 7.933	0 1 18.577	0 2 5.222	0 2 15.866	0 3 2.510	94
95	0 0 10.532	0 0 21.065	0 1 7.597	0 1 18.129	0 2 4.661	0 2 15.194	0 3 1.726	95
96	0 0 10.422	0 0 20.845	0 1 7.267	0 1 17.690	0 2 4.113	0 2 14.535	0 3 0.958	96
97	0 0 10.315	0 0 20.630	0 1 6.945	0 1 17.261	0 2 3.576	0 2 13.891	0 3 0.206	97
98	0 0 10.210	0 0 20.420	0 1 6.629	0 1 16.839	0 2 3.049	0 2 13.259	0 2 23.469	98
99	0 0 10.107	0 0 20.213	0 1 6.320	0 1 16.427	0 2 2.534	0 2 12.640	0 2 22.747	99
100	0 0 10.005	0 0 20.011	0 1 6.017	0 1 16.022	0 2 2.028	0 2 12.034	0 2 22.040	100
101	0 0 9.907	0 0 19.813	0 1 5.720	0 1 15.627	0 2 1.533	0 2 11.440	0 2 21.346	101
102	0 0 9.809	0 0 19.619	0 1 5.428	0 1 15.238	0 2 1.047	0 2 10.857	0 2 20.666	102
103	0 0 9.714	0 0 19.428	0 1 5.143	0 1 14.857	0 2 0.571	0 2 10.285	0 2 19.999	103
104	0 0 9.621	0 0 19.243	0 1 4.862	0 1 14.483	0 2 0.104	0 2 9.725	0 2 19.346	104
105	0 0 9.529	0 0 19.058	0 1 4.588	0 1 14.117	0 1 23.646	0 2 9.175	0 2 18.704	105
106	0 0 9.439	0 0 18.878	0 1 4.318	0 1 13.757	0 1 23.197	0 2 8.636	0 2 18.075	106
107	0 0 9.351	0 0 18.702	0 1 4.053	0 1 13.405	0 1 22.756	0 2 8.107	0 2 17.458	107
108	0 0 9.264	0 0 18.529	0 1 3.793	0 1 13.058	0 1 22.322	0 2 7.587	0 2 16.851	108
109	0 0 9.180	0 0 18.359	0 1 3.539	0 1 12.718	0 1 21.898	0 2 7.077	0 2 16.257	109
110	0 0 9.096	0 0 18.192	0 1 3 288	0 1 12.384	0 1 21.480	0 2 6.576	0 2 15.672	110
111	0 0 9.014	0 0 18.028	0 1 3.042	0 1 12.056	0 1 21.070	0 2 6.085	0 2 15.099	111
112	0 0 8.933	0 0 17.867	0 1 2.801	0 1 11.734	0 1 20.668	0 2 5.602	0 2 14.535	112
113	0 0 8.855	0 0 17.709	0 1 2.564	0 1 11.418	0 1 20.273	0 2 5.128	0 2 13.982	113
114	0 0 8.777	0 0 17.554	0 1 2.331	0 1 11.108	0 1 19.884	0 2 4.661	0 2 13.438	114
115	0 0 8.701	0 0 17.401	0 1 2.102	0 1 10.802	0 1 19.503	0 2 4.204	0 2 12.904	115
116	0 0 8.625	0 0 17.251	0 1 1.876	0 1 10.502	0 1 19.128	0 2 3.753	0 2 12.379	116
117	0 0 8.552	0 0 17.104	0 1 1.655	0 1 10.207	0 1 18.759	0 2 3.311	0 2 11.863	117
118	0 0 8.479	0 0 16.959	0 1 1.438	0 1 9.917	0 1 18.397	0 2 2.876	0 2 11.356	118
119	0 0 8.408	0 0 16.816	0 1 1.224	0 1 9.633	0 1 18.041	0 2 2.449	0 2 10.857	119
120	0 0 8.338	0 0 16.676	0 1 1.014	0 1 9.352	0 1 17.690	0 2 2.028	0 2 10.366	120
121	0 0 8.269	0 0 16.538	0 1 0.807	0 1 9.076	0 1 17.345	0 2 1.615	0 2 9.885	121
122	0 0 8.201	0 0 16.403	0 1 0.604	0 1 8.805	0 1 17.007	0 2 1.208	0 2 9.410	122
123	0 0 8.135	0 0 16.269	0 1 0.404	0 1 8.539	0 1 16.674	0 2 0.808	0 2 8.943	123
124	0 0 8.069	0 0 16.138	0 1 0.207	0 1 8.276	0 1 16.345	0 2 0.414	0 2 8.483	124
125	0 0 8.005	0 0 16.009	0 1 0.014	0 1 8.018	0 1 16.023	0 2 0.027	0 2 8.032	125
126	0 0 7.941	0 0 15.882	0 0 23.823	0 1 7.764	0 1 15.705	0 1 23.646	0 2 7.587	126

6	0 6 22.762	¼	4 18.649	1	2 14.536	1½	0 10.423	1¾	7 9.185	2	5 5.071	2	3 0.958												
7	0 5 22.939	½	2 19.003	¼	8 17.942	1	5 14.006	1¾	2 10.070	1½	8 9.009	2	5 5.071	7											
8	0 5 5.071	½	1 7.267	½	6 12.339	1	2 14.536	1	7 19.607	1½	3 21.804	2	0 0.000	8											
9	0 4 15.174	½	0 3.474	½	4 18.649	1	0 6.948	1	4 22.123	1½	0 10.423	1¾	5 1.597	9											
10	0 4 4.057	0	8 8.114	½	3 9.296	⅓	7 13 354	1	2 14.536	1	6 18.593	1½	1 19.775	10											
11	0 3 18.961	0	7 13.922	½	2 6.008	½	6 0.969	1	0 17.055	1	4 12.016	1	8 6.977	11											
12	0 3 11.381	0	6 22.762	½	1 7.268	½	4 18.649	½	8 6.030	1	2 14.536	1	6 1.917	12											
13	0 3 4.967	0	6 9.934	½	0 12.026	½	3 16.993	½	6 21 960	1	1 0.052	1	4 5.019	13											
14	0 2 23.469	0	5 22.939	0	8 22.408	½	2 19.003	½	5 18.472	½	8 17.941	1	2 14.536	14											
15	0 2 18.705	0	5 13.410	0	8 8.114	½	1 23.944	½	4 18.649	½	7 13.354	1	1 5.183	15											
16	0 2 14.536	0	5 5.071	0	7 19.607	½	1 7.268	½	3 21.804	½	6 12.339	1	0 0.000	16											
17	0 2 10.857	0	4 21.714	0	7 8.571	½	0 16.554	½	3 3.411	½	5 14.268	½	8 1.125	17											
18	0 2 7.587	0	4 15.175	0	6 22.762	½	0 3.474	½	2 11.062	½	4 18.649	½	7 2.236	18											
19	0 2 4.662	0	4 9.323	0	6 13.985	0	8 18.647	½	1 20.433	½	4 1.095	½	6 5.757	19											
20	0 2 2.029	0	4 4.057	0	6 6.086	0	8 8.114	½	1 7.268	½	3 9.296	½	5 11.325	20											
21	0 1 23.646	0	3 23.293	0	5 22.939	0	7 22.585	½	0 19.356	½	2 19.003	½	4 18.649	21											
22	0 1 21.481	0	3 18.961	0	5 16.442	0	7 13.922	½	0 8.528	½	2 6.008	½	4 3.489	22											
23	0 1 19.503	0	3 15.006	0	5 10.509	0	7 6.012	0	9 1.516	½	1 18.144	¼	3 13.647	23											
24	0 1 17.690	0	3 11.381	0	5 5.071	0	6 22.762	0	8 16.452	½	1 7.268	½	3 0.958	24											
25	0 1 16.023	0	3 8.046	0	5 0.069	0	6 16.091	0	8 8.114	¼	0 21.262	½	2 13.285	25											
26	0 1 14.484	0	3 4.967	0	4 19.450	0	6 9.934	0	8 0.417	½	0 12.026	½	2 2.509	26											
27	0 1 13.058	0	3 2.116	0	4 15.175	0	6 4.233	0	7 17.291	¼	0 3.474	½	1 16.532	27											
28	0 1 11.734	0	2 23.469	0	4 11.204	0	5 22.939	0	7 10.673	0	8 22.408	½	1 7.268	28											
29	0 1 10.502	0	2 21.005	0	4 7.507	0	5 18.010	0	7 4.512	0	8 15.015	½	0 22.642	29											
30	0 1 9.352	0	2 18.705	0	4 4.057	0	5 13.409	0	6 22.762	0	8 8.114	½	0 14.591	30											
31	0 1 8.276	0	2 16.553	0	4 0.829	0	5 9.106	0	6 17.382	0	8 1.659	½	0 7.060	31											
32	0 1 7.268	0	2 14.535	0	3 21.803	0	5 5.071	0	6 12.339	0	7 19.607	½	0 0.000	32											
33	0 1 6.320	0	2 12.641	0	3 18.961	0	5 1.281	0	6 7.602	0	7 13.922	0	8 20.242	33											
34	0 1 5.428	0	2 10.857	0	3 16.285	0	4 21.714	0	6 3.143	0	7 8.571	0	8 14.000	34											
35	0 1 4.588	0	2 9.176	0	3 13.763	0	4 18.351	0	5 22.939	0	7 3.527	0	8 8.114	35											
36	0 1 3.793	0	2 7.587	0	3 11.381	0	4 15.174	0	5 18.968	0	6 22.762	0	8 2.555	36											
37	0 1 3.042	0	2 6.085	0	3 9.127	0	4 12.170	0	5 15.212	0	6 18.255	0	7 21.297	37											
38	0 1 2.331	0	2 4.661	0	3 6.992	0	4 9.323	0	5 11.654	0	6 13.985	0	7 16.316	38											
39	0 1 1.656	0	2 3.311	0	3 4.967	0	4 6.662	0	5 8.278	0	6 9.934	0	7 11.589	39											
40	0 1 1.014	0	2 2.028	0	3 3.043	0	4 4.057	0	5 5.071	0	6 6.085	0	7 7.100	40											
41	0 1 0.404	0	2 0.808	0	3 1.213	0	4 1.617	0	5 2.021	0	6 2.425	0	7 2.829	41											
42	0 0 23.823	0	1 23.646	0	2 23.469	0	3 23.292	0	4 23.115	0	5 22.939	0	6 22.762	42											
43	0 0 23.269	0	1 22.538	0	2 21.807	0	3 21.076	0	4 20.346	0	5 19.615	0	6 18.884	43											
44	0 0 22.740	0	1 21.480	0	2 20.221	0	3 18.961	0	4 17.701	0	5 16.441	0	6 15.182	44											
45	0 0 22.235	0	1 20.470	0	2 18.705	0	3 16.939	0	4 15.174	0	5 13.409	0	6 11.644	45											
46	0 0 21.751	0	1 19.503	0	2 17.254	0	3 15.006	0	4 12.758	0	5 10.509	0	6 8.261	46											
47	0 0 21.289	0	1 18.577	0	2 15.866	0	3 13.155	0	4 10.444	0	5 7.732	0	6 5.021	47											
48	0 0 20.845	0	1 17.690	0	2 14.535	0	3 11.381	0	4 8.226	0	5 5.071	0	6 1.916	48											
49	0 0 20.420	0	1 16.840	0	2 13.259	0	3 9.679	0	4 6.099	0	5 2.519	0	5 22.939	49											
50	0 0 20.011	0	1 16.023	0	2 12.034	0	3 8.045	0	4 4.057	0	5 0.068	0	5 20.080	50											
51	0 0 19.619	0	1 15.238	0	2 10.857	0	3 6.476	0	4 2.095	0	4 21.714	0	5 17.333	51											
52	0 0 19.242	0	1 14.483	0	2 9.725	0	3 4.967	0	4 0.208	0	4 19.450	0	5 14.692	52											
53	0 0 18.879	0	1 13.757	0	2 8.636	0	3 3.515	0	3 22.394	0	4 17.272	0	5 12.151	53											
54	0 0 18.529	0	1 13.058	0	2 7.587	0	3 2.116	0	3 20.645	0	4 15.174	0	5 9.703	54											
55	0 0 18.192	0	1 12.384	0	2 6.577	0	3 0.769	0	3 18.961	0	4 13.153	0	5 7.345	55											
56	0 0 17.867	0	1 11.734	0	2 5.602	0	2 23.469	0	3 17.336	0	4 11.204	0	5 5.071	56											
57	0 0 17.554	0	1 11.108	0	2 4.662	0	2 22.216	0	3 15.769	0	4 9.323	0	5 2.877	57											
58	0 0 17.251	0	1 10.502	0	2 3.753	0	2 21.005	0	3 14.256	0	4 7.507	0	5 0.758	58											
59	0 0 16.959	0	1 9.918	0	2 2.876	0	2 19.835	0	3 12.794	0	4 5.753	0	4 22.712	59											
60	0 0 16.676	0	1 9.352	0	2 2.028	0	2 18.704	0	3 11.381	0	4 4.057	0	4 20.733	60											
61	0 0 16.403	0	1 8.806	0	2 1.208	0	2 17.611	0	3 10.014	0	4 2.417	0	4 18.820	61											
62	0 0 16.138	0	1 8.276	0	2 0.414	0	2 16.553	0	3 8.691	0	4 0.829	0	4 16.967	62											
63	0 0 15.882	0	1 7.764	0	1 23.646	0	2 15.528	0	3 7.410	0	3 23.293	0	4 15.175	63											
64	0 0 15.634	0	1 7.268	0	1 22.902	0	2 14.536	0	3 6.169	0	3 21.803	0	4 13.437	64											
65	0 0 15.393	0	1 6.787	0	1 22.180	0	2 13.574	0	3 4.967	0	3 20.360	0	4 11.754	65											
66	0 0 15.160	0	1 6.320	0	1 21.480	0	2 12.640	0	3 3.801	0	3 18.961	0	4 10.121	66											
67	0 0 14.934	0	1 5.868	0	1 20.802	0	2 11.736	0	3 2.670	0	3 17.603	0	4 8.537	67											
68	0 0 14.714	0	1 5.428	0	1 20.142	0	2 10.857	0	3 1.571	0	3 16.285	0	4 7.000	68											
69	0 0 14.501	0	1 5.002	0	1 19.503	0	2 10.004	0	3 0.505	0	3 15.006	0	4 5.507	69											
70	0 0 14.294	0	1 4.588	0	1 18.881	0	2 9.175	0	2 23.469	0	3 13.763	0	4 4.057	70											
71	0 0 14.093	0	1 4.185	0	1 18.278	0	2 8.370	0	2 22.463	0	3 12.555	0	4 2.648	71											
72	0 0 13.896	0	1 3.793	0	1 17.690	0	2 7.587	0	2 21.484	0	3 11.381	0	4 1.277	72											
73	0 0 13.706	0	1 3.413	0	1 17.119	0	2 6.826	0	2 20.532	0	3 10.239	0	3 23.945	73											
74	0 0 13.521	0	1 3.042	0	1 16.563	0	2 6.085	0	2 19.606	0	3 9.127	0	3 22.648	74											
75	0 0 13.341	0	1 2.682	0	1 16.023	0	2 5.364	0	2 18.705	0	3 8.045	0	3 21.386	75											

81	0 0 12.392	0	1 0.724	0	1 13.057	0	2 1.409	0	2 13.761	0	3 2.113	0	3 14.405	81											
82	0 0 12.202	0	1 0.404	0	1 12.606	0	2 0.808	0	2 13.010	0	3 1.212	0	3 13.414	82											
83	0 0 12.055	0	1 0.110	0	1 12.165	0	2 0.220	0	2 12.275	0	3 0.330	0	3 12.386	83											
84	0 0 11.911	0	0 23.823	0	1 11.734	0	1 23.646	0	2 11.557	0	2 23.469	0	3 11.381	84											
85	0 0 11.771	0	0 23.543	0	1 11.314	0	1 23.086	0	2 10.857	0	2 22.628	0	3 10.400	85											
86	0 0 11.634	0	0 23.269	0	1 10.903	0	1 22.538	0	2 10.173	0	2 21.807	0	3 9.442	86											
87	0 0 11.501	0	0 23.002	0	1 10.502	0	1 22.003	0	2 9.504	0	2 21.005	0	3 8.506	87											
88	0 0 11.370	0	0 22.740	0	1 10.110	0	1 21.480	0	2 8.850	0	2 20.220	0	3 7.591	88											
89	0 0 11.242	0	0 22.485	0	1 9.727	0	1 20.969	0	2 8.212	0	2 19.454	0	3 6.697	89											
90	0 0 11.117	0	0 22.235	0	1 9.352	0	1 20.469	0	2 7.587	0	2 18.704	0	3 5.822	90											
91	0 0 10.995	0	0 21.991	0	1 8.986	0	1 19.981	0	2 6.976	0	2 17.972	0	3 4.967	91											
92	0 0 10.875	0	0 21.751	0	1 8.627	0	1 19.503	0	2 6.379	0	2 17.254	0	3 4.130	92											
93	0 0 10.759	0	0 21.518	0	1 8.276	0	1 19.035	0	2 5.794	0	2 16.552	0	3 3.312	93											
94	0 0 10.644	0	0 21.288	0	1 7.933	0	1 18.577	0	2 5.222	0	2 15.866	0	3 2.510	94											
95	0 0 10.532	0	0 21.065	0	1 7.597	0	1 18.129	0	2 4.661	0	2 15.194	0	3 1.726	95											
96	0 0 10.422	0	0 20.845	0	1 7.267	0	1 17.690	0	2 4.113	0	2 14.535	0	3 0.958	96											
97	0 0 10.315	0	0 20.630	0	1 6.945	0	1 17.261	0	2 3.576	0	2 13.891	0	3 0.206	97											
98	0 0 10.210	0	0 20.420	0	1 6.629	0	1 16.839	0	2 3.049	0	2 13.259	0	2 23.469	98											
99	0 0 10.107	0	0 20.213	0	1 6.320	0	1 16.427	0	2 2.534	0	2 12.640	0	2 22.747	99											
100	0 0 10.005	0	0 20.011	0	1 6.017	0	1 16.022	0	2 2.028	0	2 12.034	0	2 22.040	100											
101	0 0 9.907	0	0 19.813	0	1 5.720	0	1 15.627	0	2 1.533	0	2 11.440	0	2 21.346	101											
102	0 0 9.809	0	0 19.619	0	1 5.428	0	1 15.238	0	2 1.047	0	2 10.857	0	2 20.666	102											
103	0 0 9.714	0	0 19.428	0	1 5.143	0	1 14.857	0	2 0.571	0	2 10.285	0	2 19.999	103											
104	0 0 9.621	0	0 19.243	0	1 4.862	0	1 14.483	0	2 0.104	0	2 9.725	0	2 19.346	104											
105	0 0 9.529	0	0 19.058	0	1 4.588	0	1 14.117	0	1 23.646	0	2 9.175	0	2 18.704	105											
106	0 0 9.439	0	0 18.878	0	1 4.318	0	1 13.757	0	1 23.197	0	2 8.636	0	2 18.075	106											
107	0 0 9.351	0	0 18.702	0	1 4.053	0	1 13.405	0	1 22.756	0	2 8.107	0	2 17.458	107											
108	0 0 9.264	0	0 18.529	0	1 3.793	0	1 13.058	0	1 22.322	0	2 7.587	0	2 16.851	108											
109	0 0 9.180	0	0 18.359	0	1 3.539	0	1 12.718	0	1 21.898	0	2 7.077	0	2 16.257	109											
110	0 0 9.096	0	0 18.192	0	1 3 288	0	1 12.384	0	1 21.480	0	2 6.576	0	2 15.672	110											
111	0 0 9.014	0	0 18.028	0	1 3.042	0	1 12.056	0	1 21.070	0	2 6.085	0	2 15.099	111											
112	0 0 8.933	0	0 17.867	0	1 2.801	0	1 11.734	0	1 20.668	0	2 5.602	0	2 14.535	112											
113	0 0 8.855	0	0 17.709	0	1 2.564	0	1 11.418	0	1 20.273	0	2 5.128	0	2 13.982	113											
114	0 0 8.777	0	0 17.554	0	1 2.331	0	1 11.108	0	1 19.884	0	2 4.661	0	2 13.438	114											
115	0 0 8.701	0	0 17.401	0	1 2.102	0	1 10.802	0	1 19.503	0	2 4.204	0	2 12.904	115											
116	0 0 8.625	0	0 17.251	0	1 1.876	0	1 10.502	0	1 19.128	0	2 3.753	0	2 12.379	116											
117	0 0 8.552	0	0 17.104	0	1 1.655	0	1 10.207	0	1 18.759	0	2 3.311	0	2 11.863	117											
118	0 0 8.479	0	0 16.959	0	1 1.438	0	1 9.917	0	1 18.397	0	2 2.876	0	2 11.356	118											
119	0 0 8.408	0	0 16.816	0	1 1.224	0	1 9.633	0	1 18.041	0	2 2.449	0	2 10.857	119											
120	0 0 8.338	0	0 16.676	0	1 1.014	0	1 9.352	0	1 17.690	0	2 2.028	0	2 10.366	120											
121	0 0 8.269	0	0 16.538	0	1 0.807	0	1 9.076	0	1 17.345	0	2 1.615	0	2 9.885	121											
122	0 0 8.201	0	0 16.403	0	1 0.604	0	1 8.805	0	1 17.007	0	2 1.208	0	2 9.410	122											
123	0 0 8.135	0	0 16.269	0	1 0.404	0	1 8.539	0	1 16.674	0	2 0.808	0	2 8.943	123											
124	0 0 8.069	0	0 16.138	0	1 0.207	0	1 8.276	0	1 16.345	0	2 0.414	0	2 8.483	124											
125	0 0 8.005	0	0 16.009	0	1 0.014	0	1 8.018	0	1 16.023	0	2 0.027	0	2 8.032	125											
126	0 0 7.941	0	0 15.882	0	0 23.823	0	1 7.764	0	1 15.705	0	1 23.646	0	2 7.587	126											
127	0 0 7.879	0	0 15.757	0	0 23.636	0	1 7.514	0	1 15.393	0	1 23.271	0	2 7.150	127											
128	0 0 7.817	0	0 15.634	0	0 23.451	0	1 7.268	0	1 15.084	0	1 22.901	0	2 6.718	128											
129	0 0 7.756	0	0 15.513	0	0 23.269	0	1 7.025	0	1 14.782	0	1 22.538	0	2 6.294	129											
130	0 0 7.696	0	0 15.393	0	0 23.090	0	1 6.787	0	1 14.483	0	1 22.180	0	2 5.877	130											
131	0 0 7.638	0	0 15.276	0	0 22.913	0	1 6.551	0	1 14.189	0	1 21.827	0	2 5.465	131											
132	0 0 7.580	0	0 15.160	0	0 22.740	0	1 6.320	0	1 13.900	0	1 21.480	0	2 5.061	132											
133	0 0 7.523	0	0 15.046	0	0 22.569	0	1 6.092	0	1 13.615	0	1 21.138	0	2 4.661	133											
134	0 0 7.467	0	0 14.934	0	0 22.401	0	1 5.868	0	1 13.335	0	1 20.801	0	2 4.268	134											
135	0 0 7.412	0	0 14.823	0	0 22.235	0	1 5.646	0	1 13.058	0	1 20.470	0	2 3.881	135											
136	0 0 7.357	0	0 14.714	0	0 22.071	0	1 5.428	0	1 12.785	0	1 20.142	0	2 3.500	136											
137	0 0 7.303	0	0 14.607	0	0 21.910	0	1 5.214	0	1 12.517	0	1 19.820	0	2 3.124	137											
138	0 0 7.250	0	0 14.501	0	0 21.751	0	1 5.002	0	1 12.252	0	1 19.503	0	2 2.753	138											
139	0 0 7.198	0	0 14.396	0	0 21.594	0	1 4.793	0	1 11.991	0	1 19.189	0	2 2.388	139											
140	0 0 7.147	0	0 14.294	0	0 21.440	0	1 4.587	0	1 11.734	0	1 18.881	0	2 2.028	140											
141	0 0 7.096	0	0 14.192	0	0 21.288	0	1 4.384	0	1 11.481	0	1 18.577	0	2 1.673	141											
142	0 0 7.046	0	0 14.092	0	0 21.139	0	1 4.185	0	1 11.231	0	1 18.277	0	2 1.324	142											
143	0 0 6.997	0	0 13.994	0	0 20.991	0	1 3.988	0	1 10.985	0	1 17.982	0	2 0.979	143											
144	0 0 6.948	0	0 13.896	0	0 20.845	0	1 3.793	0	1 10.742	0	1 17.690	0	2 0.638	144											
145	0 0 6.900	0	0 13.800	0	0 20.700	0	1 3.600	0	1 10.500	0	1 17.400	0	2 0.300	145											
146	0 0 6.853	0	0 13.706	0	0 20.559	0	1 3.413	0	1 10.266	0	1 17.119	0	1 23.972	146											
147	0 0 6.807	0	0 13.613	0	0 20.420	0	1 3.226	0	1 10.033	0	1 16.840	0	1 23.646	147											
148	0 0 6.760	0	0 13.521	0	0 20.281	0	1 3.042	0	1 9.803	0	1 16.563	0	1 23.324	148											
149	0 0 6.715	0	0 13.430	0	0 20.145	0	1 2.861	0	1 9.576	0	1 16.291	0	1 23.006	149											
150	0 0 6.670	0	0 13.341	0	0 20.011	0	1 2.682	0	1 9.352	0	1 16.022	0	1 22.693	150											

*** By a Meeting of the COTTON-YARN MANUFACTURERS in *Manchester*, this TABLE was approved of, and the FIRST PREMIUM given.

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